

LISTING OF THE CLAIMS

1. (Amended) A pharmaceutical composition comprising a therapeutically effective amount of (R,R'),(R,S')-amphetamine sulfate or another pharmaceutically-acceptable salt thereof, substantially free of (S,R'), (S,S')-amphetamine, and at least one pharmaceutically-acceptable carrier, diluent, excipient or additive.
2. (Original) A controlled release formulation comprising the pharmaceutical composition of claim 1.
3. (Original) An immediate release formulation comprising the pharmaceutical composition of claim 1.
4. (Original) An oral dosage form comprising the pharmaceutical composition of claim 1 consisting of about 0.1 to about 100 mg of (R,R'),(R,S')-amphetamine sulfate or another pharmaceutically-acceptable salt thereof.
5. (Original) The dosage form of claim 4 consisting of about 1 to about 50 mg of (R,R'),(R,S')-amphetamine sulfate or another pharmaceutically-acceptable salt thereof.
6. (Original) The pharmaceutical composition of claim 1 wherein said (R,R'),(R,S')-amphetamine sulfate or another pharmaceutically-acceptable salt thereof is greater than about 90% of the weight of total amphetamine.
7. (Original) The pharmaceutical composition of claim 1 wherein said (R,R'),(R,S')-amphetamine sulfate or another pharmaceutically-acceptable salt thereof is greater than about 95% of the weight of total amphetamine.
8. (Original) The pharmaceutical composition of claim 1 wherein said (R,R'),(R,S')-amphetamine sulfate or another pharmaceutically-acceptable salt thereof is greater than about 95% of the weight of total amphetamine.
9. (Canceled) A method for prophylaxis or treatment of a human condition or disease requiring or benefiting from a central nervous stimulant comprising administering to said human an effective amount of (R,R'),(R,S')-amphetamine sulfate or another pharmaceutically-acceptable salt thereof, substantially free of (S,R'), (S,S')-amphetamine.
10. (Canceled) The method of claim 9 wherein said administering is parenteral, transmucosal or transdermal.

11. (Canceled) The method of claim 10 wherein said administering is orally, nasally, or rectally.
12. (Canceled) The method of claim 10 wherein said administering is intraarterial, intravenous, intramuscular, intradermal, subcutaneous, intraperitoneal, intraventricular, or intracranial.
13. (Canceled) The method of claim 9 wherein the amount administered is about 0.1 to about 100 mg daily.
14. (Canceled) The method of claim 13 wherein said amount administered is about 1 to about 50 mg daily.
15. (Canceled) The method of claim 14 wherein said amount administered is from one to about four unit doses per day.
16. (Canceled) The method of claim 15 wherein said amount administered is one or two unit doses per day.
17. (Canceled) The method of claim 5 wherein the amount of (R,R'),(R,S')-amphetamine sulfate or another pharmaceutically-acceptable salt thereof is greater than about 90% of the weight of total amphetamine.
18. (Canceled) The method of claim 17 wherein the amount of (R,R'),(R,S')-amphetamine sulfate or another pharmaceutically-acceptable salt thereof is greater than about 95% of the weight of total amphetamine.
19. (Canceled) The method of claim 17 wherein the amount of (R,R'),(R,S')-amphetamine sulfate or another pharmaceutically-acceptable salt thereof is greater than about 99% of the weight of total amphetamine.
20. (Canceled) The method of claim 9, wherein the amount of (R,R'),(R,S')-amphetamine sulfate or another pharmaceutically-acceptable salt thereof, substantially free of (S,R'),(S,S'')-amphetamine, is administered together with a pharmaceutically-acceptable carrier, excipient, or additive.
21. (Canceled) The method of claim 9, wherein said condition or disease is narcolepsy, attention deficit hyperactivity disorder (ADHD), depression, Parkinson's disease, cognitive dysfunction, or Alzheimer's disease, renal dysfunction, asthma, obesity, nicotine withdrawal, hypotension, apathy, potentiating activity of a conventional antidepressant,

potentiating an opiate for pain control or reduced energy associated with chemotherapy or radiation therapy.

22. (Canceled) The method of claim 9 wherein said condition or disease is amenable to treatment by preferential activation of mesolimbic-mediated behavior.
23. (Currently Amended) A pharmaceutical composition comprising an effective amount of (R,R'),(R,S')-amphetaminil sulfate or another pharmaceutically-acceptable salt thereof for the treatment [or prevention] of a condition or disease [disorder] benefiting from or requiring a central nervous system stimulant, substantially free of (S,R'), (S,S')-amphetaminil, and at least one pharmaceutically-acceptable carrier, diluent, excipient or additive.
24. (Currently Amended) The pharmaceutical composition of claim 23, wherein the condition or disease [disorder] is selected from the group consisting of narcolepsy, attention deficit hyperactivity disorder, depression, Parkinson's disease, cognitive dysfunction, renal dysfunction, asthma, obesity, nicotine withdrawal, hypotension, apathy, potentiating activity of a conventional antidepressant, potentiating an opiate for pain control, [pain] and reduced energy associated with chemotherapy or radiation therapy.